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Total Number of Pages in This Submission

Application Number	09/995,872
Filing Date	11/29/2001
First Named Inventor	Si-Nin Quan
Art Unit	2839
Examiner Name	Jean F.Duverne
Attorney Docket Number	4

ENCLOSURES (Check all that apply)		
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In The United States Patent And Trademark Office

Appn. Number : 09/995,872

Appn. Filed : 2001 Nov 29

Applicants : Si-Nin Quan and Judy, Fei-Man Quan

Title : Revolutionary connections for Spark plugs and wires

Examiner/GAU : Jean F. Duverne/2839

Assistant Commissioner for Patents

Alexandria, VA 22313-1450

Sir :

In response to the Office Action mailed 2005 Jun 13, applicants submit the following statement whose remarks are subjected to close scrutiny.

Claims 1-5 were rejected under 35 U.S.C 103(a) as being unpatentable over Griswold(US005371436A).

1. in regard to claim 1-a of the application , the cotter pin(10) can be considered **Simplification or Omission of Element** as compared to the locking ring (fig. 21) employed in the “releasable connecting means” claimed by the cited prior art(see attached drawing fig. 21).

2. **Crowed Art:** The invention is classified in a crowded art ; therefore, a small step forward should be regarded as significant.

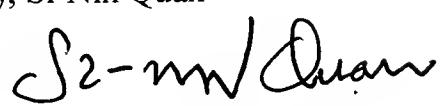
3. **New and Unexpected result:** Teaching from “**Reduction to**

Practice", besides improving the locking mechanism of the connection, **Flexibility**(ability to withstand vibration) and **Endurance** of the connection itself are also enhanced, a long-felt and existing but unsolved need. As to the "connection means" (fig. 20) claimed in the cited prior art, the way said connection means is incorporated apparently couldn't provide **Flexibility**; supposedly if it does, the wrench flats(248) of the spark plug would have slipped off the locking ring's star-shaped opening (240) and shoulder (250) because of the engaging design which is novel itself, but might not be feasible or implemented(see 2 attached drawings fig. 20 and 21 of the cited art).

Conclusion and Conditional Request For Constructive Assistance

Applicants have submitted the above reasons in proper, logical, definite form and define novel structure which is also unobvious. If , for any reason this application is not believed to be in full condition for allowance, applicants respectfully request the constructive assistance and suggestions of the Examiner in order that the undersigned can place this application in allowable condition.

Very Respectfully, Si-Nin Quan

Applicant Pro Se 

7/27/2005

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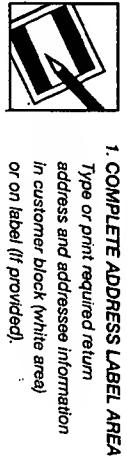
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